DS-K3B801SX
Swing Barrier

The swing barrier with two barriers and 24 pairs of IR lights is designed to detect unauthorized entrance or exit. By adopting the swing barrier integrated with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

- TCP/IP network communication: The communication data is specially encrypted to relieve the concern of privacy leak
- Permissions validation and anti-tailgating
- Bidirectional (Entering/Exiting) lane:The barrier opening and closing speed can be configured according to the visitors flow
- The barrier will be locked or stop working when people are nipped
- Self-detection, Self-diagnostics, and automatic alarm
- Audible and visual alarm will be triggered when detecting intrusion, tailgating, reverse passing, climbing over barrier, and overstay
- Fire alarm passing: When the fire alarm is triggered, the barrier will be open automatically for emergency evacuation.

▪ Specification

Model		DS-K3B801SX
System	MCBF	＞ 6 million times
	Motor	Servo motor
Interface	Network interface	1
	RS-485	4
	RS-232	4
	Lock output	2
	IO input	4
	IO output	4
Capacity	Card capacity	60,000
	Event capacity	180,000
General	Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method
	Power supply method	100 to 240 VAC; 50 to 60 Hz
	IR light detectors	24 pairs
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Lane width	550 mm to 1100 mm (21.65" to 43.31")
	Working humidity	10% to 95% (No Condensing)
	Barrier material	Acrylic glass
	Pedestal material	SUS304 stainless steel with the thickness of 2 mm (0.08")
	Dimensions	With packaging: 1688 mm × 348 mm × 1318 mm (66.5" × 13.7" × 51.9") Without packaging: 1500 mm × 160 mm × 1010 mm (59.1" × 6.3" × 39.8")
	Application environment	Indoor
	Weight	Left and right pedestal: 146.5 kg (323.0 lbs) Middle pedestal: 170.4 kg (375.7 lbs)
	Approval	CE/FCC/CB/RoHS/REACH/WEEE

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▪ Maintenance

The main element of the turnstile is stainless steel, which is rustless (antioxidant) and corrosion resistant (The anti corrosion ability in the medium of acid, alkali, and salt). In order to keep the stainless steel from being oxidized or corroded, you should clean and care the turnstile surface periodically .

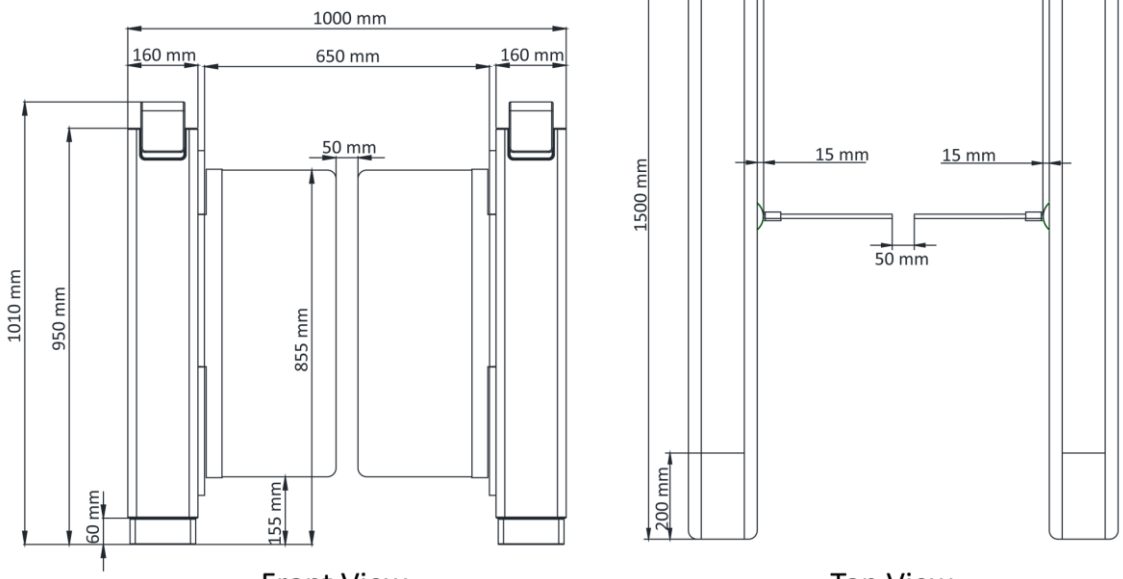
The instructions and tips for maintaining the turnstile are as follows:

- Select different stainless steel types according to the variety of the environments. You can select 304 stainless steel for
- common circumstances and 316 stainless steel for the scenarios of seasides and chemical plants.
- Keep the device surface clean and dry.
- Use non-woven cloth and ethyl alcohol to clean the dirt on the device surface.
- Use sourcing pad (do not use mesh cleaning ball) to clean the rust on the device surface by following the wire drawing on
- the stainless steel. And then use non-woven cloth and stainless steel cleaner to wipe the device surface.
- Clean and maintain the device by using non-woven cloth and stainless steel cleaner periodically. It is suggest to clean the
- device every month in common circumstances and every week for severe environments (seaside and chemical plants for
- instance).

▪ Available Model

DS-K3B801SX-L, DS-K3B801SX-M, DS-K3B801SX-R

▪ Dimension



Front View

Top View

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